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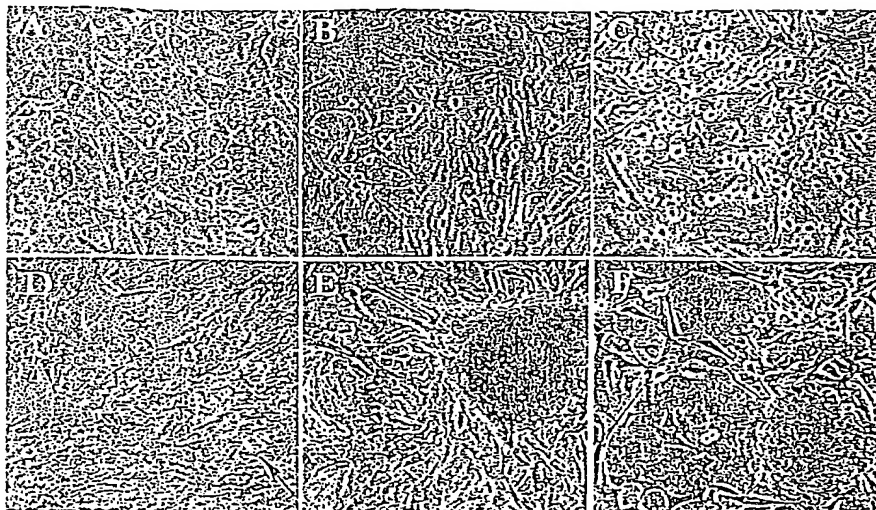
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(54) Title: PANCREATIC CANCER ASSOCIATED ANTIGEN, ANTIBODY THERETO; AND DIAGNOSTIC AND TREAT-
MENT METHODS



(57) Abstract: The present invention is directed to an antigen found on the surface of rat and human pancreatic cancer cells and provides antibodies of high specificity and selectivity to this antigen as well as hybridomas secreting the subject antibodies. Methods for both the diagnosis and treatment of pancreatic cancer are also provided. This tissue marker of pancreatic adenocarcinoma, an approximately 43.5 kD surface membrane protein designated PaCa-Ag1, is completely unexpressed in normal pancreas but abundantly expressed in pancreatic carcinoma cells. Moreover, a soluble form of PaCa-Ag1 exists, having a molecular weight about 36 to about 38 kD, that is readily identified in sera and other body fluids of pancreatic cancer patients, using a subject antibody.